

Title (en)

WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION DEVICE

Title (de)

DRAHTLOSKOMMUNIKATIONSVERFAHREN UND DRAHTLOSKOMMUNIKATIONSVORRICHTUNG

Title (fr)

PROCÉDÉ DE COMMUNICATION SANS FIL ET DISPOSITIF DE COMMUNICATION SANS FIL

Publication

EP 3654543 A4 20200520 (EN)

Application

EP 18831547 A 20180706

Priority

- CN 201710575610 A 20170714
- CN 2018094751 W 20180706

Abstract (en)

[origin: US2020112351A1] An electronic device for wireless communication with two groups of communication devices, the electronic device comprising a processing circuit, wherein the processing circuit is configured to: acquire a first waveform parameter related to a first group of communication devices, wherein the first waveform parameter is related to the form of a signal waveform for communications by the first group of communication devices; and notify a second group of communication devices of the first waveform parameter such that the second group of communication devices can determine, based on the first waveform parameter, a precoding matrix for communications by the second group of communication devices. Further disclosed are a wireless communication method, a base station, and a second wireless communication device from among one group of communication devices.

IPC 8 full level

H04B 7/0456 (2017.01); **H04B 7/06** (2006.01); **H04J 11/00** (2006.01); **H04L 1/00** (2006.01); **H04L 25/02** (2006.01); **H04L 25/03** (2006.01); **H04L 27/00** (2006.01); **H04L 27/26** (2006.01); **H04W 76/14** (2018.01); **H04W 88/02** (2009.01); **H04W 92/18** (2009.01)

CPC (source: CN EP US)

H04B 7/0456 (2013.01 - CN EP US); **H04B 7/0617** (2013.01 - CN); **H04B 7/0626** (2013.01 - US); **H04B 7/063** (2013.01 - EP); **H04B 7/0697** (2013.01 - EP); **H04J 11/003** (2013.01 - EP); **H04L 1/00** (2013.01 - EP); **H04L 5/0007** (2013.01 - US); **H04L 25/0224** (2013.01 - EP); **H04L 25/03178** (2013.01 - CN); **H04L 27/00** (2013.01 - EP); **H04L 27/0014** (2013.01 - CN); **H04L 27/2602** (2013.01 - EP US); **H04L 27/2627** (2013.01 - EP); **H04L 27/2636** (2013.01 - US); **H04W 68/005** (2013.01 - US); **H04W 72/541** (2023.01 - US); **H04L 27/2603** (2021.01 - EP US); **H04L 2027/0026** (2013.01 - CN); **H04W 76/14** (2018.01 - EP); **H04W 92/18** (2013.01 - EP)

Citation (search report)

- [X1] US 2013279403 A1 20131024 - TAKAOKA SHINSUKE [JP], et al
- [IA] US 2017111930 A1 20170420 - RAJAGOPAL SRIDHAR [US], et al
- [A] WO 2016122437 A1 20160804 - INTEL IP CORP [US]
- [A] CN 105680925 A 20160615 - UNIV SHANGHAI
- See references of WO 2019011183A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11088735 B2 20210810; **US 2020112351 A1 20200409**; AU 2018301048 A1 20200227; CN 109257079 A 20190122; CN 110537336 A 20191203; CN 110537336 B 20220426; CN 114598369 A 20220607; EP 3654543 A1 20200520; EP 3654543 A4 20200520; WO 2019011183 A1 20190117

DOCDB simple family (application)

US 201816614381 A 20180706; AU 2018301048 A 20180706; CN 201710575610 A 20170714; CN 2018094751 W 20180706; CN 201880025101 A 20180706; CN 202210345222 A 20180706; EP 18831547 A 20180706